



20.0MM RIPPLE WIDE TIR

Status Production Part no. 10211 Drawing no. 60439 Product type Optic Type TIR **Pieces** 1 20.0 Diameter Height 9.60 Beam Ripple Wide

Flange Yes

Products description *******Importar

*******Important
note******** Due to new
tooling in a second
location we are seeing
a variation in the
FWHM and hence the
Cd/Lm values. Please
use the details below
as a guide until we
have had time to
investigate and correct
the issues we are

seeing.

Files Customer drawing

(PDF)



LEDs & Performances	Eff.	FWHM	Cd/lm	Spot	Cross-section	Files	
Cree XR® XLamp® White	77.9%	46.6	1.4			10211_CreeXR_White_250408.ies	
Cree XR-E® XLamp® White	86.0%	44	1.8			10211_Cree_xre_white_250408.ies	
Cree XR-C® XLamp® White	81.1%	38.6	2.9	•		10211_Cree_XR-C_White_250408.ies	
Avago Aveon Cool White	78.1%	44.1	1.9			10211_Avago_Aveon_cool_white_250408.ies	
Avago Moonstone Warm White	78.9%	46.6	1.7			10211_Avago_Moonstone_Warm_White_250408.ies	

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Related Holders & LEDs	Avago Aveon Cool White	Avago Moonstone Warm White	Cree XR® XLamp® White	Cree XR-C® XLamp® White	Cree XR-E® XLamp® White	
10205 20.0mm Circular Black			✓	✓	✓	
10206 20.0mm Circular Clear			✓	✓	✓	
10207 20.0mm Circular White			✓	✓	✓	
10276 50.0mm Triple White			✓	✓	✓	
10286 50.0mm Triple White			✓	✓	✓	
10296 50.0mm Triple Black			✓	✓	✓	
10306 50.0mm Circular Black			✓	✓	✓	
10425 20.0mm Hexagonal Black			✓	✓	✓	
10426 20.0mm Hexagonal Clear			✓	✓	✓	
10427 20.0mm Hexagonal White			✓	✓	✓	
10428 20.0mm Hexagonal Black			✓	✓	✓	
10429 20.0mm Hexagonal Clear			✓	✓	✓	
10430 20.0mm Hexagonal White			✓	✓	✓	
47.313.5101.80 with 47.313320.80 20.0mm BJB Black				✓	✓	

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Handling instructions

- Do not handle or install lenses without wearing gloves, skin oils may damage the lens or the light transmission.
 Clean lenses with a mild soap and water and dry with a clean soft cloth.
- Do not use any commercial solvents on lenses.
- Mount holders with low Odour epoxy's and allow time for them to out gas to stop lenses fogging.

Please note that flow lines, weld lines, surface scratches and small black or white inclusions within the lenses are acceptable if the optical performance of the lens is within the specification described to +/-10%. FWHM-Full (beam) Width as measured at one Half of Maximum intensity, information shown in the catalogue are based on our laboratory's tests.

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